UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/659,258	09/11/2000	Gregory Richard Hintermeister	IBM/155	5587

7590   05/01/2007

Scott A Stinebruner
Wood Herron & Evans LLP
2700 Carew Tower
441 Vine Street
Cincinnati, OH 45202-2917

EXAMINER
PILLAI, NAMITHA

ART UNIT	PAPER NUMBER
2173	

MAIL DATE	DELIVERY MODE
05/01/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

	Application No.	Applicant(s)
Office Action Summary	09/659,258	HINTERMEISTER ET AL.
	Examiner	Art Unit	
	Namitha Pillai	2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *01 February 2007*.

2a)☒ This action is **FINAL.**   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-12,14-32 and 34-45* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-12,14-32 and 34-45* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date *12/20/06.*

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

Response to Amendment

1.   The Examiner acknowledges Applicant's submission on 2/1/07 including

amendments to claims 1, 16, 23, 35, 40, 41, 42, 44 and 45. All pending claims have

been rejected as being obvious in view of the prior arts disclosed in the field of

computer hardware management.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

2.   Claims 1-12, 14-32 and 34-45 are rejected under 35 U.S.C. 103(a) as being

unpatentable over U. S. Patent No. 6,535,227 B1 (Fox et al.), herein referred to as Fox,

U. S. Patent No. 7, 107, 534 B1 (de Jong et al), herein referred to as De Jong and U. S.

Patent No. 6, 384, 842 B1 (DeKoning et al.), herein referred to as DeKoning.

Referring to claim 1, Fox discloses a method for managing computer hardware

components by displaying a pictorial representation on a computer display with a

plurality of hardware components and representing a physical configuration of each of

the plurality of hardware components (column 3, lines 23-26). Fox also discloses that in

response to user input, indicating a selected status for multiple hardware components

from the plurality of hardware components within the pictorial representation associated

with the plurality of hardware components (column 3, lines 29-32). Fox discloses that

for each of the nodes, representing the hardware components, with each having

selected status highlighting the risk status, a manager window can be displayed which

includes properties of the network components, the properties representing a list of

management operations associated with the network component (column 3, lines 60-

62). Figure 7 display hardware components that are highlighted or selected in addition

to a manager window that displays management operations involving all hardware

components including those that are selected. Fox does not disclose that specific

management operations are performed on all the multiple hardware components where

the dynamically retrieved list of management operations are associated with multiple

hardware components. De Jong discloses configuring hardware components including

displaying and performing management operations on multiple hardware components

that are selected by the user (column 11, lines 47-50). De Jong discloses dynamically

retrieving a list of available management operations that are associated with multiple

hardware components where the Figure 7 of De Jong is one example where a list of

management operations related to multiple hardware components that are carrying out

distinct functions are listed (column 8, line 42 – column 9, line 5). De Jong's system

includes selecting components that represent multiple hardware components within,

where configuration requires applying a management operation to all of the multiple

hardware components that have been selected by the user (column 11, lines 53-59). It

would have been obvious for one skilled in the art at the time of the invention to learn

from De Jong to perform a management operation on all of the multiple hardware

components that have a selected status response to user input including displaying of a

list of management operations associated with multiple hardware components. Both

Fox and De Jong disclose systems for configuring hardware components. De Jong

provides a configuring system for managing multiple devices that are stored in the RAID

storage system, where configuring the RAID storage system would involve configuring

multiple disk drives, providing an easy to use system for configuring multiple devices at

one time (column 2, lines 48-50). Therefore, one skilled in the art, at the time of the

invention would have been motivated to learn from De Jong to configure multiple

hardware elements where a management operation is performed on all of the multiple

hardware components that have a selected status response to user input.

Fox and De Jong do not disclose that the pictorial representation of the hardware

components convey a relative placement and location of hardware components in

physical space. DeKoning discloses a graphical user interface for configuring computer

hardware components including pictorial representations that convey a relative

placement and location of hardware components in physical space (column 1, lines 62-

67). It would have been obvious to one skilled in the art at the time of the invention to

learn from DeKoning to disclose the hardware components in the pictorial

representation conveys a relative placement and location of hardware components in

physical space. DeKoning has disclosed advantages of displaying a pictorial

representation based on locations and placement of the hardware components in

physical space where distinct hardware components are easier to locate based on this

pictorial representations (column 1, lines 54-58). Such an advantage of benefit the

hardware configuration system of Fox and De Jong. Therefore one skilled in the art

would have been motivated to learn from DeKoning to include pictorial representations

that convey a relative placement and location of hardware components in physical

space.

Referring to claims 2 and 24, Fox, De Jong and DeKoning disclose a pictorial

representation with an enclosure within which the plurality of hardware components is

disposed with physical locations of each of the plurality of hardware components in the

enclosure (DeKoning, column 2, lines 15-23).

Referring to claims 3 and 25, Fox, De Jong and DeKoning disclose a first view of

the enclosure taken from a first viewpoint and wherein the pictorial representation

further includes a second diagram depicting a second view of the enclosure taken from

a second viewpoint (DeKoning, column 5, lines 32-38).

Referring to claims 4 and 26, Fox discloses an unused interface component

which is used to configure physically interconnect with another hardware component

further comprising managing the unused user interface component through user input

directed to the pictorial representation (column 8, lines 55-58).

Referring to claims 5 and 27, Fox discloses that each of the plurality of hardware

components is associated with a vulnerability attribute (column 9, lines 5-8). Fox also

discloses comparing attributes associated with the plurality of hardware components

against a filter criterion (column 9, lines 5-8) and selecting those hardware components

with attributes that match the filter criterion, with the pictorial representation continuing

to depict at least one non-selected hardware component after such selection, where

both the selected and unselected components are displayed (column 9, lines 15-17).

Referring to claims 6 and 28, Fox discloses that user input is used for generating the filter criterion (column 9, lines 5-8).

Referring to claims 7 and 29, Fox discloses selecting the filter criteria from a plurality of predetermined filter criteria, each of the predetermined filter criteria associated with a predetermined view among a plurality of views, wherein various dialogues or views are displayed depicting selection criteria for different attributes including vulnerability and sensitivity attributes (column 8, lines 64-67 and column 9, lines 1-8).

Referring to claim 8, Fox discloses that each hardware component is associated with a hardware type and the filter criterion identifies a selected hardware type, wherein selecting those hardware components includes selecting those hardware components associated with the selected hardware type, where the "ANSSR RISK" view filter criterion shows the use of the hardware types in the filter criterion (Figure 10).

Referring to claim 9, Fox discloses updating the indication of the selected status for the hardware components responsive to selection of those hardware components associated with attributes that match the filter criterion, where the risk network elements are selected, in relation to the risk elements that are displayed on the filter criterion (column 9, lines 15-30).

Referring to claims 10 and 30, Fox discloses that each of the plurality of hardware components is associated with at least one of a plurality of diagrams, each of which depicting a physical location of at least one of the plurality of hardware components (Figure 10). Fox also discloses displaying within this pictorial

representation only those diagrams from the plurality of diagrams that depict the

physical location of at least one hardware component having a selected status

(reference number 276, Figure 10).

Referring to claims 11 and 31, Fox discloses visually highlighting those portions

of the pictorial representation that depict the physical configurations of the multiple

hardware components that have a selected status (column 3, lines 29-32).

Referring to claims 12 and 32, Fox discloses updating the status of a hardware

component to one of selected status and an unselected status (column 7, lines 5-15),

wherein the displaying of these hardware components is in responsive to user input

directed to that portion of the pictorial representation that depicts the physical

configuration of the first hardware component (column 3, lines 29-32).

Referring to claims 14 and 34, Fox disclose that the multiple hardware

components are physically locate in a plurality of computers, as is the case with

components from belonging to a network, wherein the performing management

operation includes performing the management operation in each of the plurality of

computers (column 3, lines 22-32).

Referring to claim 15, Fox disclose that at least two of the plurality of computers

utilizes different types of computer platforms (column 5, lines 1-5).

Referring to claims 16 and 35, Fox, De Jong and DeKoning discloses

dynamically retrieving the list of available management is performed in response to user

input directed to that portion of the pictorial representation that depicts the physical

configuration of the first hardware component (Fox, Figures 8).

Referring to claims 17 and 36, Fox discloses displaying a list of available management operations within a context sensitive menu (Figures 8 and column 3, lines 35-45). Fox and De Jong disclose performing the management operation on all of the multiple hardware components that are selected in response to user input directed to the context sensitive menu (De Jong, Figure 29), with management operations being performed on multiple disk drives of the selected RAID array.

Referring to claims 18 and 37, Fox discloses retrieving status information associated with a first hardware component among the plurality of hardware components in response to user input directed to that portion of the pictorial representation that depicts the physical configuration of the first hardware component (column 3, lines 29-32).

Referring to claims 19, Fox discloses including locating a user-manipulated pointer over that portion of the pictorial representation that depicts the physical configuration of the hardware component and displaying the retrieved status information within a pop-up window disposed proximate that portion of the pictorial representation that depicts the physical configuration of the hardware component (column 8, lines 64-67).

Referring to claims 20 and 38, Fox discloses that the pictorial representation and indicating the selected status are performed on a single computer, wherein all the needed information is contained within that single computer (column 3, lines 18-21), describing a computer system which holds the information for presenting network topology.

Referring to claims 21 and 39, Fox discloses displaying the pictorial

representation and indicating the selected status are performed on a first computer with

at least a portion of the plurality of hardware components being physically located in a

second computer in communication with a first computer, with these components being

part of a network (column 3, lines 22-26).

Referring to claim 22, Fox discloses that each of the plurality of hardware

components is disposed in a computer from a group consisting of a single-user

computer, multi-user computer, clustered computer, multi-unit computer, with a

computer system, and the networks representing the systems with a plurality of

computers (column 3, lines 25-45).

Referring to claims 23, Fox discloses an apparatus including a program residing

in memory (column 7, lines 1-45). Fox discloses a method for managing computer

hardware components by displaying a pictorial representation on a computer display

with a plurality of hardware components and representing a physical configuration of

each of the plurality of hardware components (column 3, lines 23-26). Fox also

discloses that in response to user input, indicating a selected status for multiple

hardware components from the plurality of hardware components within the pictorial

representation with the plurality of hardware components (column 3, lines 29-32). Fox

discloses that for each of the nodes, representing the hardware components, with each

having selected status highlighting the risk status, a manager window can be displayed

which includes properties of the network components, the properties representing a list

of management operations associated with the network component (column 3, lines 60-

62). Figure 7 display hardware components that are highlighted or selected in addition

to a manager window that displays management operations involving all hardware

components including those that are selected. Fox does not disclose that specific

management operations are performed on all the multiple hardware components where

the dynamically retrieved list of management operations are associated with multiple

hardware components. De Jong discloses configuring hardware components including

displaying and performing management operations on multiple hardware components

that are selected by the user (column 11, lines 47-50). De Jong discloses dynamically

retrieving a list of available management operations that are associated with multiple

hardware components where the Figure 7 of De Jong is one example where a list of

management operations related to multiple hardware components that are carrying out

distinct functions are listed (column 8, line 42 – column 9, line 5). De Jong's system

includes selecting components that represent multiple hardware components within,

where configuration requires applying a management operation to all of the multiple

hardware components that have been selected by the user (column 11, lines 53-59). It

would have been obvious for one skilled in the art at the time of the invention to learn

from De Jong to perform a management operation on all of the multiple hardware

components that have a selected status response to user input including displaying of a

list of management operations associated with multiple hardware components. Both

Fox and De Jong disclose systems for configuring hardware components. De Jong

provides a configuring system for managing multiple devices that are stored in the RAID

storage system, where configuring the RAID storage system would involve configuring

multiple disk drives, providing an easy to use system for configuring multiple devices at one time (column 2, lines 48-50). Therefore, one skilled in the art, at the time of the invention would have been motivated to learn from De Jong to configure multiple hardware elements where a management operation is performed on all of the multiple hardware components that have a selected status response to user input.

Fox and De Jong do not disclose that the pictorial representation of the hardware components convey a relative placement and location of hardware components in physical space. DeKoning discloses a graphical user interface for configuring computer hardware components including pictorial representations that convey a relative placement and location of hardware components in physical space (column 1, lines 62-67). It would have been obvious to one skilled in the art at the time of the invention to learn from DeKoning to disclose the hardware components in the pictorial representation conveys a relative placement and location of hardware components in physical space. DeKoning has disclosed advantages of displaying a pictorial representation based on locations and placement of the hardware components in physical space where distinct hardware components are easier to locate based on this pictorial representations (column 1, lines 54-58). Such an advantage of benefit the hardware configuration system of Fox and De Jong. Therefore one skilled in the art would have been motivated to learn from DeKoning to include pictorial representations that convey a relative placement and location of hardware components in physical space.

Referring to claim 40, Fox discloses a program residing in memory (column 7,

lines 28-32). Fox discloses a method for managing computer hardware components by

displaying a pictorial representation on a computer display with a plurality of hardware

components and representing a physical configuration of each of the plurality of

hardware components (column 3, lines 23-26). Fox also discloses indicating in

response to user input, a selected status for multiple hardware components from the

plurality of hardware components within the pictorial representation with the plurality of

hardware components (column 3, lines 29-32). Fox also discloses a signal-bearing

medium bearing the program (column 7, lines 1-5). Fox discloses that for each of the

nodes, representing the hardware components, with each having selected status

highlighting the risk status, a manager window can be displayed which includes

properties of the network components, the properties representing a list of management

operations associated with the network component (column 3, lines 60-62). Figure 7

display hardware components that are highlighted or selected in addition to a manager

window that displays management operations involving all hardware components

including those that are selected. Fox does not disclose that specific management

operations are performed on all the multiple hardware components where the

dynamically retrieved list of management operations are associated with multiple

hardware components. De Jong discloses configuring hardware components including

displaying and performing management operations on multiple hardware components

that are selected by the user (column 11, lines 47-50). De Jong discloses dynamically

retrieving a list of available management operations that are associated with multiple

hardware components where the Figure 7 of De Jong is one example where a list of management operations related to multiple hardware components that are carrying out distinct functions are listed (column 8, line 42 – column 9, line 5). De Jong's system includes selecting components that represent multiple hardware components within, where configuration requires applying a management operation to all of the multiple hardware components that have been selected by the user (column 11, lines 53-59). It would have been obvious for one skilled in the art at the time of the invention to learn from De Jong to perform a management operation on all of the multiple hardware components that have a selected status response to user input including displaying of a list of management operations associated with multiple hardware components. Both Fox and De Jong disclose systems for configuring hardware components. De Jong provides a configuring system for managing multiple devices that are stored in the RAID storage system, where configuring the RAID storage system would involve configuring multiple disk drives, providing an easy to use system for configuring multiple devices at one time (column 2, lines 48-50). Therefore, one skilled in the art, at the time of the invention would have been motivated to learn from De Jong to configure multiple hardware elements where a management operation is performed on all of the multiple hardware components that have a selected status response to user input.

Fox and De Jong do not disclose that the pictorial representation of the hardware components convey a relative placement and location of hardware components in physical space. DeKoning discloses a graphical user interface for configuring computer hardware components including pictorial representations that convey a relative

placement and location of hardware components in physical space (column 1, lines 62-67). It would have been obvious to one skilled in the art at the time of the invention to learn from DeKoning to disclose the hardware components in the pictorial representation conveys a relative placement and location of hardware components in physical space. DeKoning has disclosed advantages of displaying a pictorial representation based on locations and placement of the hardware components in physical space where distinct hardware components are easier to locate based on this pictorial representations (column 1, lines 54-58). Such an advantage of benefit the hardware configuration system of Fox and De Jong. Therefore one skilled in the art would have been motivated to learn from DeKoning to include pictorial representations that convey a relative placement and location of hardware components in physical space.

Referring to claim 41, Fox discloses that the physical computer readable signal-bearing medium includes a recordable medium (column 7, lines 1-12).

Referring to claim 42, Fox also discloses automatically generating a pictorial representation on a computer display having a plurality of hardware components within the plurality of computers, identifying a plurality of hardware components resident in the plurality of computers (column 3, lines 23-26). Fox also discloses performing at least one management operation on multiple selected hardware components among the plurality of hardware components in response to user input directed to that portion of the pictorial representation that represents the physical configuration of one of the multiple selected hardware components, (column 3, lines 293-32), the operation being the

vulnerability determining of a set of hardware components. Fox discloses that for each

of the nodes, representing the hardware components, with each having selected status

highlighting the risk status, a manager window can be displayed which includes

properties of the network components, the properties representing a list of management

operations associated with the network component (column 3, lines 60-62). Figure 7

display hardware components that are highlighted or selected in addition to a manager

window that displays management operations involving all hardware components

including those that are selected. Fox does not disclose that specific management

operations are performed on all the multiple hardware components where the

dynamically retrieved list of management operations are associated with multiple

hardware components. De Jong discloses configuring hardware components including

displaying and performing management operations on multiple hardware components

that are selected by the user (column 11, lines 47-50). De Jong discloses dynamically

retrieving a list of available management operations that are associated with multiple

hardware components where the Figure 7 of De Jong is one example where a list of

management operations related to multiple hardware components that are carrying out

distinct functions are listed (column 8, line 42 – column 9, line 5). De Jong's system

includes selecting components that represent multiple hardware components within,

where configuration requires applying a management operation to all of the multiple

hardware components that have been selected by the user (column 11, lines 53-59). It

would have been obvious for one skilled in the art at the time of the invention to learn

from De Jong to perform a management operation on all of the multiple hardware

components that have a selected status response to user input including displaying of a list of management operations associated with multiple hardware components. Both Fox and De Jong disclose systems for configuring hardware components. De Jong provides a configuring system for managing multiple devices that are stored in the RAID storage system, where configuring the RAID storage system would involve configuring multiple disk drives, providing an easy to use system for configuring multiple devices at one time (column 2, lines 48-50). Therefore, one skilled in the art, at the time of the invention would have been motivated to learn from De Jong to configure multiple hardware elements where a management operation is performed on all of the multiple hardware components that have a selected status response to user input.

Fox and De Jong do not disclose that the pictorial representation of the hardware components convey a relative placement and location of hardware components in physical space. DeKoning discloses a graphical user interface for configuring computer hardware components including pictorial representations that convey a relative placement and location of hardware components in physical space (column 1, lines 62-67). It would have been obvious to one skilled in the art at the time of the invention to learn from DeKoning to disclose the hardware components in the pictorial representation conveys a relative placement and location of hardware components in physical space. DeKoning has disclosed advantages of displaying a pictorial representation based on locations and placement of the hardware components in physical space where distinct hardware components are easier to locate based on this pictorial representations (column 1, lines 54-58). Such an advantage of benefit the

hardware configuration system of Fox and De Jong. Therefore one skilled in the art would have been motivated to learn from DeKoning to include pictorial representations that convey a relative placement and location of hardware components in physical space.

Referring to claim 43, Fox discloses each of the plurality of hardware components is associated with at least one attribute and wherein each of the plurality of hardware components is associated with at least one of a plurality of diagrams (column 8, lines 64-67 and column 9, lines 1-8). Fox discloses that each of the plurality of hardware components is associated with at least one attribute and a method to compare attributes associated with the plurality of hardware components against a filter criterion and selecting those hardware components associated with the attributes that match the filter criterion (column 9, lines 15-17). Fox discloses dynamically generating the pictorial representation includes displaying the pictorial representation only the diagrams with the selected hardware components (column 9, lines 30-32).

Referring to claims 44 and 45, Fox and De Jong discloses that retrieving and displaying a list of available management operations associated with multiple hardware components includes dynamically generating the list after the multiple hardware components have been selected to include only management operations that are appropriate for being performed on all of the multiple hardware components have a selected status (De Jong, Figure 29).

Response to Arguments

3.   Applicant's arguments filed 2/1/07 have been fully considered but they are not persuasive.

As previously indicated, a pictorial representation is interpreted as illustration of pictures or images that *represent* hardware components. Therefore, Fox reads on such an interpretation displaying for the user, a pictorial representation where the physical *representation* of the hardware components are displayed. Furthermore, DeKoning discloses such a pictorial representation, which conveys a relative placement and location of computer hardware components in physical space. DeKoning also discloses the advantages of displaying a pictorial representation based on placement and location of hardware components in physical space, which provides motivation for obviousness of the combination of Fox, De Jong and DeKoning.

De Jong has provided various examples as displayed in the figures, which include configuration dialog menus, which represent various aspects of configuration of the hardware components, included in De Jong. One example being displayed in Figures 5 and 7, which is dynamically, displayed list of management operations related to multiple devices, including configuration variables related to failures of devices, disk capacity and configuration of RAID devices. The menu provided in this figure includes operations that are related to multiple hardware components and are dynamically updated based on hardware status.

The combination of Fox, De Jong and DeKoning disclose that a list of dynamic management operations are retrieved and displayed in response to the selected status of computer hardware components. The dialog menus which represent management

operations in De Jong teach how one list of management operations can be applied to

one set of devices which when combined with Fox would make obvious the teaching of

displaying a list of management operations that are applicable to selected hardware
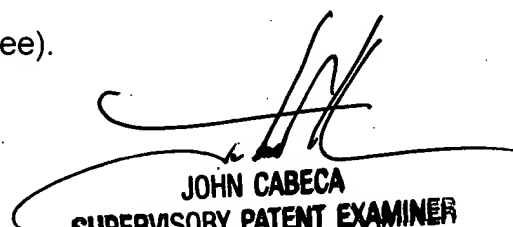
components.

Conclusion

4.   Applicant's amendment necessitated the new ground(s) of rejection presented in

this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a). A shortened statutory period for reply to this final action is set to expire

THREE MONTHS from the mailing date of this action. In the event a first reply is filed

within TWO MONTHS of the mailing date of this final action and the advisory action is

not mailed until after the end of the THREE-MONTH shortened statutory period, then

the shortened statutory period will expire on the date the advisory action is mailed, and

any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date

of the advisory action. In no event, however, will the statutory period for reply expire

later than SIX MONTHS from the date of this final action. Responses to this action

should be submitted as per the options cited below: The United States Patent and

Trademark Office requires most patent related correspondence to be: a) faxed to the

Central Fax number (571-273-8300) b) hand carried or delivered to the Customer

Service Window (located at the Randolph Building, 401 Dulany Street, Alexandria, VA

22314), c) mailed to the mailing address set forth in 37 CFR 1.1 (e.g., P.O. Box 1450,

Alexandria, VA 22313-1450), or d) transmitted to the Office using the Office's Electronic

Filing System. Any inquiry concerning this communication or earlier communications

from the examiner should be directed to Namitha Pillai whose telephone number is

(571) 272-4054. The examiner can normally be reached on 8:30 AM - 5:30 PM. If

attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, John Cabeca can be reached on (571) 272-4048. All Internet e-mail

communications will be made of record in the application file. PTO employees do not

engage in Internet communications where there exists a possibility that sensitive

information could be identified or exchanged unless the record includes a properly

signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is

more clearly set forth in the Interim Internet Usage Policy published in the Official

Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89. Any inquiry

of a general nature or relating to the status of this application or proceeding should be

directed to the Group receptionist whose telephone number is (571) 272-2100.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Namitha Pillai
Assistant Examiner
Art Unit 2173
April 26, 2007

JOHN CABECA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100